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PATENT APPLICATION

ATTORNEY DOCKET NO. 10040086-1

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Annette Grot et al.

Serial No.: 10/799,020

Examiner:

Filing Date: March 11, 2004

Group Art Unit: 2877

Title: PHOTONIC CRYSTAL SENSORS

COMMISSIONER FOR PATENTS
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- (X) under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- () under 37 CFR 1.97(c) together with either a:
() Statement under 37 CFR 1.97(e), or
() a \$180.00 Processing fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- () under 37 CFR 1.97 (d) together with a:
() Statement under 37 CFR 1.97(e), and
() a \$180.00 processing fee under 37 CFR 1.17(p).
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Please charge to Deposit Account 50-1078 the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 50-1078 pursuant to 37 CFR 1.25.

() Applicant(s) submit herewith Form PTO 1449. References identified with an asterisk (*) were disclosed in Patent Application No. _____ filed _____, now U. S. Patent No. _____, and, as such, copies thereof are not included pursuant to the provisions of 37 CFR 1.98(d).

() A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

Date of Deposit: June 14, 2004

Typed Name: Linda A. Iimura

Signature: Linda A. Iimura

Respectfully submitted,

Annette Grot et al.

By

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Date: June 14, 2004

PATENT APPLICATION

FORM PTO-1449

ATTY. DOCKET NO.

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APPLICANT

Annette Grot et al.

FILING DATE

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GROUP

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LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

(Use several sheets if necessary)



REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	AA	6,661,938	12/09/03	Lim et al.		
	AB					
	AC					

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	AJ	Painter O. et al., "Defect Modes of a Two-Dimensional Photonic Crystal in an Optically Thin Dielectric Slab", J. Opt. Soc. Am B, Vol. 16, No. 2, February 1999, pp. 275-285.
	AK	Subramania, G. et al., "Tuning the Microcavity Resonant Wavelength in a Two-Dimensional Photonic Crystal by Modifying the Cavity Geometry", Applied Physics Letters, Vol. 83, No. 22, Dec. 1, 2003, pp. 4491-4493.
	AL	Loncar, Marko et al., "Photonic Crystal Laser Sources for Chemical Detection", Applied Physics Letters, Vol. 82, No. 26, pp. 4648-4650.
	AM	Vos, William et al., "Photonic Crystals: Making a Cage for Light",
	AN	Villa, F. et al., "Photonic Crystal Sensor based on Surface Waves for Thin Film Characterization", Optics Letters, Vol. 27, No. 8, April 15, 2002, pp. 646-648.
	AO	Kramper, P. et al. "Direct Spectroscopy of a Deep Two-Dimensional Photonic Crystal Microresonator", Physical Review B, Vol. 64, 233102, pp. 1-4.
	AP	Schilling J. et al., "A Model System for Two-Dimensional and Three-Dimensional Photonic Crystals: Macroporous Silicon", Pure and Applied Optics, S121-S-132.
	AQ	Birner A. et al., "Transmission of a Microcavity Structure in a Two-Dimensional Photonic Crystal based on Macroporous Silicon", Materials Science in Semiconductor Processing, 2000, pp.487-491.
	AR	Foresi J. S. et al., "Photonic-Bandgap Microcavities in Optical Waveguides", Letters to Nature, Nov. 13, 1997, pp. 143-145.

EXAMINER

DATE CONSIDERED